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(54) Title: ALGinate LAYER SYSTEM FOR CHONDROGENIC DIFFERENTIATION OF HUMAN MESENCHYMAL STEM CELLS		
(57) Abstract Disclosed are a composition of chemically defined components which support <i>in vitro</i> and <i>in vivo</i> chondrogenesis of mesenchymal stem cells, a method for <i>in vitro</i> and <i>in vivo</i> chondrogenic induction of such stem cells, and a method of forming human chondrocytes <i>in vitro</i> and <i>in vivo</i> from such stem cells.		